
Sequence Listing was accepted.

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Reviewer: Durreshwar Anjum

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Reviewer: Durreshwar Anjum

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Validated By CRFValidator v 1.0.3

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<213> Artificial Sequence

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 $<\!\!223\!\!>$ fusion protein comprising growth hormone fused to growth hormone receptor

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Ala	Ser	Leu 35	Arg	Ala	His	Arg	Leu 40	His	Gln	Leu	Ala	Phe 45	Asp	Thr	Tyr
Gln	Glu 50	Phe	Glu	Glu	Ala	Tyr 55	Ile	Pro	Lys	Glu	Gln 60	Lys	Tyr	Ser	Phe
Leu 65	Gln	Asn	Pro	Gln	Thr 70	Ser	Leu	Суз	Phe	Ser 75	Glu	Ser	Ile	Pro	Thr 80
Pro	Ser	Asn	Arg	Glu 85	Glu	Thr	Gln	Gln	Lys 90	Ser	Asn	Leu	Glu	Leu 95	Leu
Arg	Ile	Ser	Leu 100	Leu	Leu	Ile	Gln	Ser 105	Trp	Leu	Glu	Pro	Val 110	Gln	Phe
		115					120					125	Ser		
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		-		165		-			170			-	Met	175	
			180					185					190 Glu		
		195					200					205	Gly		
_	210					215					220		Ser		
225					230					235			Leu		240
				245				-	250		-			255	

Val Asn Pro Gly Leu Lys Thr Asn Ser Ser Lys Glu Pro Lys Phe Thr

260 265 270

Lys Cys Arg Ser Pro Glu Arg Glu Thr Phe Ser Cys His Trp Thr Asp 275 280 285 Glu Val His His Gly Thr Lys Asn Leu Gly Pro Ile Gln Leu Phe Tyr 295 Thr Arg Arg Asn Thr Gln Glu Trp Thr Gln Glu Trp Lys Glu Cys Pro 305 310 315 320 Asp Tyr Val Ser Ala Gly Glu Asn Ser Cys Tyr Phe Asn Ser Ser Phe 325 330 335 Thr Ser Ile Trp Ile Pro Tyr Cys Ile Lys Leu Thr Ser Asn Gly Gly 340 345 350 Thr Val Asp Glu Lys Cys Phe Ser Val Asp Glu Ile Val Gln Pro Asp 355 360 365 Pro Pro Ile Ala Leu Asn Trp Thr Leu Leu Asn Val Ser Leu Thr Gly 375 380 370 Ile His Ala Asp Ile Gln Val Arg Trp Glu Ala Pro Arg Asn Ala Asp 390 395 385 Ile Gln Lys Gly Trp Met Val Leu Glu Tyr Glu Leu Gln Tyr Lys Glu 405 410 415 Val Asn Glu Thr Lys Trp Lys Met Met Asp Pro Ile Leu Thr Thr Ser 420 425 430 Val Pro Val Tyr Ser Leu Lys Val Asp Lys Glu Tyr Glu Val Arg Val 435 440 Arg Ser Lys Gln Arg Asn Ser Gly Asn Tyr Gly Glu Phe Ser Glu Val 450 455 460 Leu Tyr Val Thr Leu Pro Gln Met Ser Gln Phe Thr Cys Glu Glu Asp 475 480 470 465

Phe Tyr Gly Gly Gly Asp Ile Asp Lys Leu Val Lys Cys Gly Gly

490

485

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<212> DNA

<213> Artificial Sequence

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<223> fusion protein comprising growth hormone fused to growth hormone

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Ala Ser Leu 35	Arg Ala His	Arg Leu His G	Gln Leu Ala Phe 45	Asp Thr Tyr
Gln Glu Phe 50	Glu Glu Ala	Tyr Ile Pro I 55	Lys Glu Gln Lys 60	Tyr Ser Phe
Leu Gln Asn 65	Pro Gln Thr	Ser Leu Cys F	Phe Ser Glu Ser 75	Ile Pro Thr 80
Pro Ser Asn	Arg Glu Glu 85		Lys Ser Asn Leu 90	Glu Leu Leu 95
Arg Ile Ser	Leu Leu Leu 100	Ile Gln Ser T 105	Trp Leu Glu Pro	Val Gln Phe 110
Leu Arg Ser 115		Asn Ser Leu V	al Tyr Gly Ala 125	Ser Asp Ser

Asn Val Tyr Asp Leu Leu Lys Asp Leu Glu Glu Gly Ile Gln Thr Leu

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Gln	Thr	Tyr	Ser	Lys 165	Phe	Asp	Thr	Asn	Ser 170	His	Asn	Asp	Asp	Ala 175	Leu
Leu	Lys	Asn	Tyr 180	Gly	Leu	Leu	Tyr	Cys 185	Phe	Arg	Lys	Asp	Met 190	Asp	Lys
Val	Glu	Thr 195	Phe	Leu	Arg	Ile	Val 200	Gln	Суз	Arg	Ser	Val 205	Glu	Gly	Ser
Суз	Gly 210	Phe	Gly	Gly	Arg	Gly 215	Gly	Gly	Gly	Ser	Gly 220	Gly	Gly	Gly	Ser
Gly 225	Gly	Gly	Gly	Ser	Gly 230	Gly	Gly	Gly	Ser	Glu 235	Phe	Phe	Pro	Thr	Ile 240
Pro	Leu	Ser	Arg	Leu 245	Phe	Asp	Asn	Ala	Ser 250	Leu	Arg	Ala	His	Arg 255	Leu
His	Gln	Leu	Ala 260	Phe	Asp	Thr	Tyr	Gln 265	Glu	Phe	Glu	Glu	Ala 270	Tyr	Ile
Pro	Lys	Glu 275	Gln	Lys	Tyr	Ser	Phe 280	Leu	Gln	Asn	Pro	Gln 285	Thr	Ser	Leu
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Gln 305	Lys	Ser	Asn	Leu	Glu 310	Leu	Leu	Arg	Ile	Ser 315	Leu	Leu	Leu	Ile	Gln 320
Ser	Trp	Leu	Glu	Pro 325	Val	Gln	Phe	Leu	Arg 330	Ser	Val	Phe	Ala	Asn 335	Ser
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385
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Cys Phe Arg Lys Asp Met Asp Lys Val Glu Thr Phe Leu Arg Ile Val
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                   410 415
Gln Cys Arg Ser Val Glu Gly Ser Cys Gly Phe Gly Gly Gly Asp
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        420
Ile Asp Lys Leu Val Lys Cys Gly Gly Ile Ser Leu Leu Val Gln Asn
     435
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